JSF - BEHIND THE SCENES

Topics

- Components of a JSF Application

- How JSF Works Behind the Scenes

- JSF Versions

- Application Server Support

Components of a JSF Application

- A set of web pages to layout UI components

- A set of managed beans

- A web deployment descriptor (web.xml)

- Optionally

  - application configuration files (faces-config.xml)

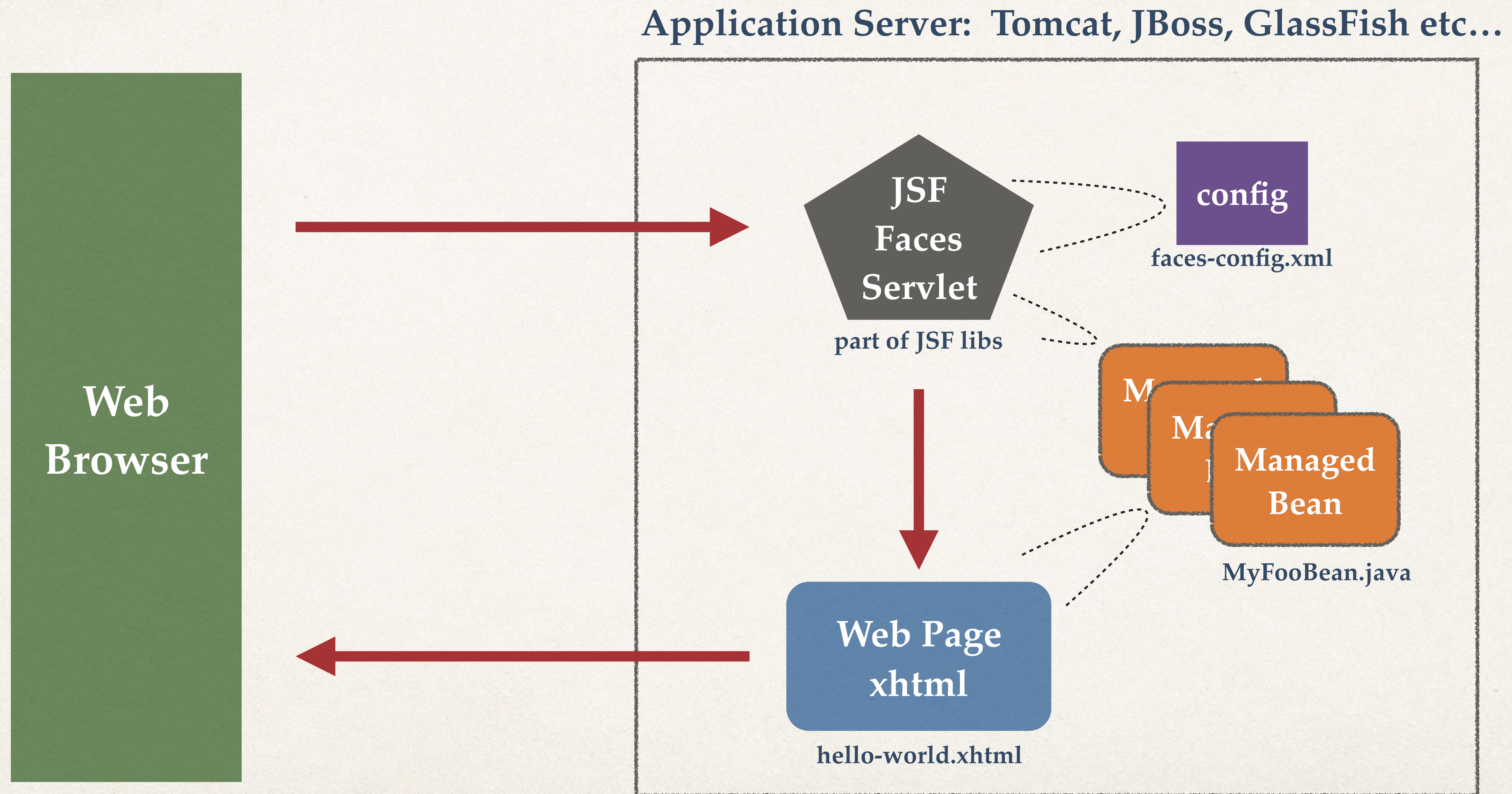 - custom objects, components, custom tags and validators

Web Page

Beans

Deployment Descriptor

luv2code

How JSF Works Behind the Scenes

Application Server: Tomcat, JBoss, GlassFish etc…

**Web
Browser**

**JSF
Faces
Servlet**

part of JSF libs

config

faces-config.xml

**Managed
Bean**

**Managed
Bean**

**Managed
Bean**

MyFooBean.java

**Web Page
xhtml**

hello-world.xhtml

luv2code

www.luv2code.com

JSF Versions

JSF Version	Release Date	Java EE Version
JSF 1.0	2004	J2EE 1.4
JSF 1.2	2006	Java EE 5
JSF 2.0	2009	Java EE 6
JSF 2.2	2013	Java EE 7

Application Server Support

- Full **Java EE 7** server: **JSF 2.2** libraries already included

  - JBoss Wildfly 8, GlassFish 4, …

- Tomcat 8

  - Need to add JSF libraries … preferably **JSF 2.2**

Summary

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